



Case Study

Spalding High School

Spalding

Voltage Power Optimisation

BEFORE

The electrical consumption at Spalding High School along with most other schools of its size has been increasing over time and it was thought that the site would benefit from Voltage Power Optimisation (VPO). VPO creates a more efficient, robust and reliable electrical supply protecting the entire electrical infrastructure.

The schools annual electrical consumption costs were £37,116.

It was decided that the best option for the school was to install VPO at the site at a cost of £18,808.

AFTER

powerPerfector services were awarded the contract to install VPO with a projected saving of approximately 12% on existing electrical consumption and costs.

The work was carried out at a time that was convenient for the school with power being interrupted for only a couple of hours.

SAVINGS

The projected savings are detailed below:

Project Costs:	£18,808
Annual Financial Savings:	£4,454
Annual Carbon Savings:	24.3 tonnes of CO ₂
Payback:	4.22

Spalding High School successfully applied to Lincolnshire County Council's Salix Energy Efficiency Loan Scheme for the full project costs.

The loan is interest free, there are no management fees, and the repayments are made at 75% of the projected energy savings until the loan is repaid in full

CONTACTS

Spalding High School's Project Manager – Tim Clark

For further information on LCC's Salix Energy Efficiency Loan Scheme contact Steve Golightly on:

Tel: 01522 554804

E-mail: steve.golightly@lincolnshire.gov.uk